From: Crowley, Kate [crowley.kate@epa.gov]

Sent: 7/23/2019 8:04:58 PM

To: Costa, Allison [Costa.Allison@epa.gov]

Subject: NAEMS 7.23.19 notes **Attachments**: NAEMS 7.23.19.docx

Hi Allison,

My notes for the meeting are attached. They don't really resemble the progress report you sent me as an example previously so let me know if you'd like to do something different. Also, do you have material from ORD you'd like me to incorporate?

Thanks, Kate

Kate Crowley | U.S. EPA | OAQPS | Sector Policies and Programs Division | (919) 541-9420 | crowley.kate@epa.gov

From: Crowley, Kate [crowley.kate@epa.gov]

Sent: 5/3/2019 11:27:07 AM

To: Dunkins, Robin [Dunkins.Robin@epa.gov]

CC: Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]

Subject: talking points for NC Senator Wiley Nickel **Attachments**: MeBR and hog-farms update 5.6.19.docx

Hi Robin,

Attached are talking points for your conversation with NC Senator Wiley Nickel on Monday. Allison and Bill provided this information and have reviewed this version. Please let me know if you need anything else.

Thanks,

Kate Crowley Office of Air Quality Planning and Standards Sector Policies and Programs Division (919) 541-9420

From: Crowley, Kate [crowley.kate@epa.gov]

Sent: 5/2/2019 3:29:37 PM

To: Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]

Subject: NC State Senator Wiley Nickel talking points **Attachments**: MeBR and hog-farms update 5.6.19.docx

Hi Allison and Bill,

Here are the talking points for Robin's meeting with NC State Senator Wiley Nickel. This is quite a lengthy document for talking points, especially since Robin may not have much time to present. I'd like you both to review what's here and then I'll send to Robin to ask if there are sections she'd like removed or if she'd prefer to have the whole document. Thanks for all your help in putting this together!

Kate Crowley Office of Air Quality Planning and Standards Sector Policies and Programs Division (919) 541-9420

From: Crowley, Kate [crowley.kate@epa.gov]

Sent: 5/9/2019 4:29:55 PM

To: Costa, Allison [Costa.Allison@epa.gov]

Subject: NAEMS Wehrum visit

Attachments: General NAEMS Overview_KC.docx

Hi Allison,

I did some more work on the NAEMS talking points to organize them into sections so that the document is more appropriate for briefing materials. Can you review and let me know what you think?

Thanks,

Kate

From: Ward, Hillary [Ward.Hillary@epa.gov]

Sent: 5/14/2019 2:21:46 PM

To: Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Dunkins, Robin

[Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; South, Peter

[South.Peter@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]

Subject: Materials: NAEMS Update

Attachments: NAEMS Status Update_5.14.19.docx

Please see the attached materials for the following meeting:

5/14/19, 10:30-11, NAEMS Update

Hillary Ward USEPA, Office of Air Quality Planning and Standards (919)541-3154

From: Roy Oommen [Roy.Oommen@erg.com]

Sent: 7/23/2019 3:09:57 PM

To: Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]

CC: Danny Greene [danny.greene@erg.com]
Subject: Call for information FR formatted version

Attachments: CAFO 2019 NAEMS VOC Call for Information Preamble_072319.docx

Hi Allison,

Attached is the CAFO call for information put into FR format. We have a few comment balloons we'd like to discuss with you. Please let us know when you are available to talk.

Roy Oommen Senior Engineer Eastern Research Group W: (919) 468-7888

From: Bradfield, John [Bradfield.John@epa.gov]

Sent: 10/1/2019 11:46:52 AM

To: Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill

[Schrock.Bill@epa.gov]; Do, Bebhinn [do.bebhinn@epa.gov]

Subject: CAFO Emission Estimation Call for Info 100119.pdf **Attachments**: CAFO Emission Estimation Call for Info 100119.pdf

In case you didn't get a copy yet, here you go.

John Bradfield

Environmental Engineer

U.S. EPA I Natural Resources Group I Sector Policies and Programs Division, OAQPS 109 T.W. Alexander Drive (Mail Drop E143-03) I Research Triangle Park, NC 27711

Phone: 919.541.3062 | email: Bradfield.John@epa.gov

Costa, Allison [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP From:

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B345CA759FAE4B7FB1AFA4C500D4CFB7-ACOSTA]

Sent: 5/9/2019 8:14:33 PM

To: Crowley, Kate [crowley.kate@epa.gov] CC: Dunkins, Robin [Dunkins.Robin@epa.gov]

Subject: NAEMS pager

Attachments: NAEMS Status Update_5819.docx

Hi Kate,

As I mentioned, attached is the draft pager for the update with Wehrum on Tuesday morning. Deliberative Process / Ex. 5

Deliberative Process / Ex. 5 **Deliberative Process / Ex. 5**

Cheers,

Allison

Allison Costa

U.S. EPA I Natural Resources Group I Sector Policies and Programs Division, OAQPS 109 T.W. Alexander Drive (Mail Drop E143-03) I Research Triangle Park, NC 27711

From: Costa, Allison [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B345CA759FAE4B7FB1AFA4C500D4CFB7-ACOSTA]

Sent: 8/29/2019 7:43:52 PM

To: Dunkins, Robin [Dunkins.Robin@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]

CC: Schrock, Bill [Schrock.Bill@epa.gov]

Subject: NAEMS Pager for Anne

Attachments: NAEMS Overview_090319.docx; NAEMS Overview_082919_KC_wcs_alc.docx

Hi Kate,

Thanks for helping put the pager together. I've attached a tracked version and a clean version.

Robin – we just shortened the most recent pager we had put together for NAEMS a couple of months ago when the NC rep was supposed to come in and meet with you about the project, so it's all been recently reviewed. I have a printed copy for you to review if that's easiest.

Please let Kate and I know when we can send this forward.

Cheers,

Allison

Allison Costa

U.S. EPA I Natural Resources Group I Sector Policies and Programs Division, OAQPS 109 T.W. Alexander Drive (Mail Drop E143-03) I Research Triangle Park, NC 27711

Costa, Allison [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP From:

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B345CA759FAE4B7FB1AFA4C500D4CFB7-ACOSTA]

Sent: 6/11/2019 5:08:17 PM

To: Yelverton, William [Yelverton.William@epa.gov] CC: Dunkins, Robin [Dunkins.Robin@epa.gov]

Subject: **RACT 4 Comments**

Attachments: Research Area 4 Template - draft 20190606_nrg.docx

Hi Will,

Attached are our compiled comments on the latest NAEMS write-up. Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Thanks, Allison

Allison Costa

U.S. EPA I Natural Resources Group I Sector Policies and Programs Division, OAQPS 109 T.W. Alexander Drive (Mail Drop E143-03) I Research Triangle Park, NC 27711

From: Costa, Allison [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B345CA759FAE4B7FB1AFA4C500D4CFB7-ACOSTA]

Sent: 7/3/2019 2:01:11 PM

To: Danny Greene [Danny.Greene@erg.com]

CC: Schrock, Bill [Schrock.Bill@epa.gov]; roy.oommen@erg.com

Subject: Follow up on AFO Work Assignment

Attachments: Draft Schedule 62819.docx; 2019 NAEMS VOC Call for Information 07319.docx

Hi all,

Thanks for a good kick-off call yesterday. Attached are a few of the follow-up items we mentioned.

The public timeline for posting the draft EEMs is available on our website. NAEMS webpage: https://www.epa.gov/afos-air/national-air-emissions-monitoring-study (public timeline under "NAEMS Status")

Deliberative Process / Ex. 5

Cheers, Allison

Allison Costa

U.S. EPA I Natural Resources Group I Sector Policies and Programs Division, OAQPS 109 T.W. Alexander Drive (Mail Drop E143-03) I Research Triangle Park, NC 27711

From: Rumsey, Ian [rumsey.ian@epa.gov]

Sent: 5/13/2019 4:44:07 PM

To: Nash, Maliha [Nash.Maliha@epa.gov]; Croghan, Carry [Croghan.Carry@epa.gov]; Thompson, Rhonda

[Thompson.Rhonda@epa.gov]

CC: Walker, JohnT [Walker.Johnt@epa.gov]; Yelverton, William [Yelverton.William@epa.gov]

Subject: Status briefing for Bill Wehrum
Attachments: NAEMS Status Update_051319.docx

Hi All,

Please find attached the status briefing that OAQPS put together for the meeting with Bill Wehrum. This may not be the final version of the document as OAQPS may have made further changes.

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

lan

Ian C. Rumsey, Ph.D.
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Energy and Natural Systems Branch
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